

Project Narrative

City of Scottsdale

Application for Design Review

A Stealth Commercial Communication Tower
Collocated on an Existing Streetlight and Related Equipment located within the City's
Right of Way



Project Location:
Northwest Corner of Scottsdale and Dixileta Roads
Scottsdale, AZ 85255

Submitted by:
Technical Solutions, Inc.
3610 N. 44th Street
Suite 240
Phoenix, AZ 85018
(602) 957-3434
Fax: (602) 955-4505
www.technicalsolutionsaz.com

Property Owner:
City of Scottsdale
3939 N. Drinkwater Boulevard
Scottsdale, AZ 85251

Project Narrative

Purpose of Request

Alltel is a customer-focused communications company with more than 12 million customers. Alltel provides wireless, local telephone, long-distance, Internet and high-speed data services to residential and business customers in 26 states. A new wireless communication facility is needed when a specific area either does not presently have coverage or because additional capacity is required to handle the demand for service. In response to increased demand for its wireless services and in order to provide sufficient coverage in the area of Scottsdale and Dixileta Roads, Alltel is requesting approval of a stealth, wireless communication site on the north east corner of the intersection. The location of a wireless communication facility in this area will provide residents, visitors, and businesses in the area with high quality, reliable wireless communication for personal, business, and emergency uses.

Description of Proposal

Existing Conditions

The intersection of Scottsdale and Dixileta Roads is a major intersection for north/south and east/west traffic. Two of the four immediate corners are vacant land. All four are zoned for low density residential. The area is predominantly desert landscaped and lacks any major verticality suitable for wireless communication. No commercial properties exist in the immediate area and two churches are located a quarter mile plus south from the intersection.

Proposed Wireless Commercial Communication Tower

A cell phone is really a radio. However, with a cell phone, you can also do three-way calling, conference calling, have voice mail, and take advantages of other sophisticated features. A cellular system divides geographical areas into cells. Once the system is in place, a cell phone user can move about while being "handed-off" from one cell to another. Each cell contains its own antennas and is serviced by its own telephone and control equipment.

This proposal is for a wireless communication facility on a City of Scottsdale traffic signal pole and related equipment located within the City's right of way. The proposed site will replace the existing traffic signal pole with one matching the City's

specifications specifically for wireless co-location. The Alltel mounting will include antenna's, which are clustered at the top painted to match the City's pole color. The coaxial cables will be concealed within the interior of the replacement pole. The accompanying equipment cabinets will be located east of the pole and screened with decorative gating similar to the wireless site on the northwest corner. No other improvements or changes are proposed to the area.

Noise, Light, Visual and other Pollutants

The proposed commercial communication tower will not use any water, wastewater, or solid waste services. No additional lighting is proposed. The visual impact of the proposed site is minimal due to the streetlight application.

Compatibility Statement

The proposed commercial communication tower will be compatible with the surrounding structures and verticality. The existing traffic signal is a significant vertical feature in the development. The equipment cabinets are consistent with other equipment cabinets located within right of way for other utilities such as cable and landline telephone.

Conclusion

It is the goal of Alltel to work in cooperation with the City of Scottsdale in the development of its wireless network. Recognizing the desire of the City of Scottsdale for stealth applications, this application supports that desire, while meeting the needs of Alltel and the Community.

